

KGT 421 is a natural polypropylene random copolymer for extrusion applications which contains an enhanced stabilization package. It is especially suitable for pipe and fittings having high impact resistance.

Applications

- Pipes and Fittings

Processing Method

- Extrusion (pipe)

Resin properties	Typical Value	Unit	Test Method
Physical			
Melt Flow Rate (23°C/2.16Kg)	0.35	g/10min	ASTM D1238
Density	0.9	g/cm ³	ASTM D1505
Mechanical			
Flexural Modulus	800	MPa	ASTM D790
Tensile Strength at Yield (50 mm/min)	25	MPa	ASTM D638
Tensile Elongation at Yield (50 mm/min)	12	%	ASTM D638
Izod Impact Strength (notched) at 23 °C	50	J/m	ASTM D256
Thermal			
Vicat softening temp(A50 (50 °C/h 10N)	135	°C	ASTM D1525
H.D.T. (0.46 MPa)	80	°C	ASTM D648
Melting Temperature	148	°C	ISO 3146